

L Number	Hits	Search Text	DB	Time stamp
1	6885	415/\$.ccls. and (casing or housing or case) and ("double wall" or wall or walls)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 15:16
2	6885	415/\$.ccls. and (casing or housing or case) and ("double wall" or wall or walls or ("inner wall" and "outer wall"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 15:17
3	6885	415/\$.ccls. and (casing or housing or case) and ("double wall" or wall or walls or ("inner wall" and "outer wall"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 15:17
4	6885	(415/\$.ccls.) and (casing or housing or case) and ("double wall" or wall or walls or ("inner wall" and "outer wall"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 15:17
5	2564	(415/\$.ccls.) and (casing or housing or case) and ("double wall" or wall or walls or ("inner wall" and "outer wall")) and (cool or cooling or cooled or coolant)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 15:17
6	760	(415/\$.ccls.) and (turbine near3 (casing or housing or case)) and ("double wall" or wall or walls or ("inner wall" and "outer wall")) and (cool or cooling or cooled or coolant)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 15:18
7	36	(415/\$.ccls.) and (turbine near3 (casing or housing or case)) and ("double wall" or wall or walls or ("inner wall" and "outer wall")) and (cool or cooling or cooled or coolant) and "exhaust manifold"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 15:19
8	36	(415/\$.ccls.) and (turbine near3 (casing or housing or case)) and ("double wall" or wall or walls or ("inner wall" or "inner shell") and ("outer wall" or "outer shell"))) and (cool or cooling or cooled or coolant) and "exhaust manifold"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 15:23
9	37	(415/\$.ccls.) and (turbine near3 (casing or housing or case)) and ("double wall" or wall or walls or ("inner wall" or "inner shell") and ("outer wall" or "outer shell"))) and (cool or cooling or cooled or coolant or water) and "exhaust manifold"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 15:31
10	1		USPAT	2004/05/15 15:25
11	1		USPAT	2004/05/15 15:26
12	1		USPAT	2004/05/15 15:26

13	313	((turbine or turbo or turbocharger or supercharger) near3 (casing or housing or case)) and ("double wall" or wall or walls or ("inner wall" or "inner shell") and ("outer wall" or "outer shell")) and (cool or cooling or cooled or coolant or water) and "exhaust manifold"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:02
14	1		USPAT	2004/05/15 15:38
15	1		USPAT	2004/05/15 15:39
16	1		USPAT	2004/05/15 15:39
17	1		USPAT	2004/05/15 15:58
18	1		USPAT	2004/05/15 16:00
19	1		USPAT	2004/05/15 16:01
20	1	DE-2252705-a\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:07
21	1		USPAT	2004/05/15 16:04
22	168	60/321.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:22
23	1		USPAT	2004/05/15 16:15
24	1		USPAT	2004/05/15 16:15
25	1		USPAT	2004/05/15 16:16
26	1		USPAT	2004/05/15 16:16
27	1		USPAT	2004/05/15 16:16
28	9	60/321.ccls. and water and (trubovharger or supercharger or turbine)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:23
29	10	60/321.ccls. and water and (trubovharger or supercharger or turbine or blower)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:25
30	26	60/320.ccls. and water and (trubovharger or supercharger or turbine or blower)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:25

31	26	60/320.ccls. and water and (turbocharger or supercharger or turbine or blower)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:25
32	10	60/321.ccls. and water and (turbocharger or supercharger or turbine or blower)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:25
33	15	60/321.ccls. and water and (turbocharger or supercharger or turbine or blower)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:25
34	28	60/320.ccls. and water and (turbocharger or supercharger or turbine or blower)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:38
35	21	60/614.ccls. and water and (turbocharger or supercharger or turbine or blower)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:29
36	120	60/614.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:32
37	985	60/602.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:35
40	6	60/322.ccls. and water and (turbocharger or supercharger or turbine or blower)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:39
41	21	60/323.ccls. and water and (turbocharger or supercharger or turbine or blower)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:39
43	7	60/322.ccls. and (water or "liquid coolant") and (turbocharger or supercharger or turbine or blower)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:39
42	21	60/323.ccls. and (water or "liquid coolant") and (turbocharger or supercharger or turbine or blower)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:41

44	92254	(water or "liquid coolant") and (turbocharger or supercharger or turbine or blower)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:42
45	1788	((water or "liquid coolant") near3 (turbocharger or supercharger or turbine or blower)) and ((housing or casing or case) near3 (turbocharger or supercharger or turbine or blower))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:42
46	23561	((water or "liquid coolant") near3 (turbocharger or supercharger or turbine or blower)) and ((housing or casing or case) near3 (turbocharger or supercharger or turbine or blower)) and "exhaust manifold"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:43
47	45	((water or "liquid coolant") near3 (turbocharger or supercharger or turbine or blower)) and ((housing or casing or case) near3 (turbocharger or supercharger or turbine or blower)) and "exhaust manifold"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:43
48	40	((water or "liquid coolant") near3 (turbocharger or supercharger or turbine or blower)) and ((housing or casing or case) near3 (turbocharger or supercharger or turbine or blower)) and "exhaust manifold" and (integral or mount or mounted or mounting)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 16:44
49	40	((water or "liquid coolant") near3 (turbocharger or supercharger or turbine or blower)) and ((housing or casing or case) near3 (turbocharger or supercharger or turbine or blower)) and "exhaust manifold" and (integral or mount or mounted or mounting or "one piece")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:40
50	3	((water or "liquid coolant") near3 (turbocharger or supercharger or turbine or blower)) and ((housing or casing or case) near3 (turbocharger or supercharger or turbine or blower)) and "exhaust manifold" and (integral or mount or mounted or mounting or "one piece") and (alloy or "low alloy steel" or "gray cast iron" or "gray cast aluminum")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:41
51	3	((water or "liquid coolant") near3 (turbocharger or supercharger or turbine or blower)) and ((housing or casing or case) near3 (turbocharger or supercharger or turbine or blower)) and "exhaust manifold" and (integral or mount or mounted or mounting or "one piece") and (alloy or "low alloy steel" or "gray cast iron" or "gray cast aluminum")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:41
52	1	((housing or casing or case) near3 (turbocharger or supercharger or turbine or blower)) and (( "low alloy steel" or "gray cast iron" or "gray cast aluminum") near3 ("turbine housing" or "turbine casing" or "turbine case"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:44
53	0	((housing or casing or case) near3 (turbocharger or supercharger or turbine or blower)) and (( "gray cast iron" or "gray cast aluminum") near3 ("turbine housing" or "turbine casing" or "turbine case"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:44

54	1	((housing or casing or case) near3 (turbocharger or supercharger or turbine or blower)) and (( "gray cast iron" or aluminum) near3 ("turbine housing" or "turbine casing" or "turbine case"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:44
55	0	(( "gray cast iron" ) near3 ("turbine housing" or "turbine casing" or "turbine case"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:45
56	38	(( gray near3 cast iron ) near5 ("turbine housing" or "turbine casing" or "turbine case"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:45
57	23	(( gray near3 cast iron ) near3 ("turbine housing" or "turbine casing" or "turbine case"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:47
58	23	(( gray near cast iron ) near3 ("turbine housing" or "turbine casing" or "turbine case"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:47
59	0	(( gray near "cast iron" ) near3 ("turbine housing" or "turbine casing" or "turbine case"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:47
60	0	(( gray near3 iron ) near3 ("turbine housing" or "turbine casing" or "turbine case"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:47
61	0	(( gray near3 cast ) near3 ("turbine housing" or "turbine casing" or "turbine case"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:47
63	0	(( "gray cast" ) near3 ("turbine housing" or "turbine casing" or "turbine case"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:48
64	0	(( gray near3 iron ) near3 ("turbine housing" or "turbine casing" or "turbine case"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:48
62	20	(( "gray cast" or "cast iron" ) near3 ("turbine housing" or "turbine casing" or "turbine case"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:51

65	1	1976-A4173X.NRAN.	DERWENT	2004/05/15 17:51
66	1044	"gray cast iron"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:52
67	40	"gray cast iron" and turbine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:55
68	0	"gray cast aluminum" and turbine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:56
69	11982	aluminum and turbine	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:57
70	0	( aluminum near3 "turbine housing")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:57
71	212	( aluminum and "turbine housing")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 17:57
72	36	( aluminum same "turbine housing")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 18:02
73	2	DE-3629841-a\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 18:02
74	0	CH-188502-a\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 18:05
75	661	415/178.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 18:06

76	0	415/178.ccls. and "gray cast iron" and "low alloy steel" and aluminum	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 18:06
77	1	415/178.ccls. and "gray cast iron"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 18:06
78	0	415/178.ccls. and "low alloy steel" and aluminum	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 18:07
79	0	415/178.ccls. and "low alloy steel"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 18:07
80	40	415/178.ccls. and aluminum	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 18:07

L Number	Hits	Search Text	DB	Time stamp
1	6432	(turbo or turbocharger or supercharger or turbine) and ((bearing or bearings) near3 (housing or casing or case))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 20:17
2	6	(turbo or turbocharger or supercharger or turbine) and ((bearing or bearings) near3 (housing or casing or case)) and ((cool or cools or cooling or cooled) near5 "engine block")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 20:18
3	1	(turbo or turbocharger or supercharger or turbine) and ((bearing or bearings) near3 (housing or casing or case)) and ((cool or cools or cooling or cooled) near5 "engine block") and ((cool or cools or cooling or cooled) near5 (bearing or bearings))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 20:21
4	12	"4068612"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 20:19
5	638	(turbo or turbocharger or supercharger or turbine) and ((bearing or bearings) near3 (housing or casing or case)) and ((cool or cools or cooling or cooled) near5 (bearing or bearings))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 20:20
6	135	(turbo or turbocharger or supercharger or turbine) and ((bearing or bearings) near3 (housing or casing or case)) and ((cool or cools or cooling or cooled) near5 engine ) and ((cool or cools or cooling or cooled) near5 (bearing or bearings))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/15 20:21